

The Western Company
of North America
TREATMENT REPORT

Date 12-24-81 Western District Farmington (31) F. Receipt 334855
Operator JOHN H. MITT Supron Energy Corp
Lessee Hodges Well No W15-E
FIND basin Dakota Location S27, T26N, R3W
County San Juan State New Mexico
Stake Number 1 This Zone □ This Well □

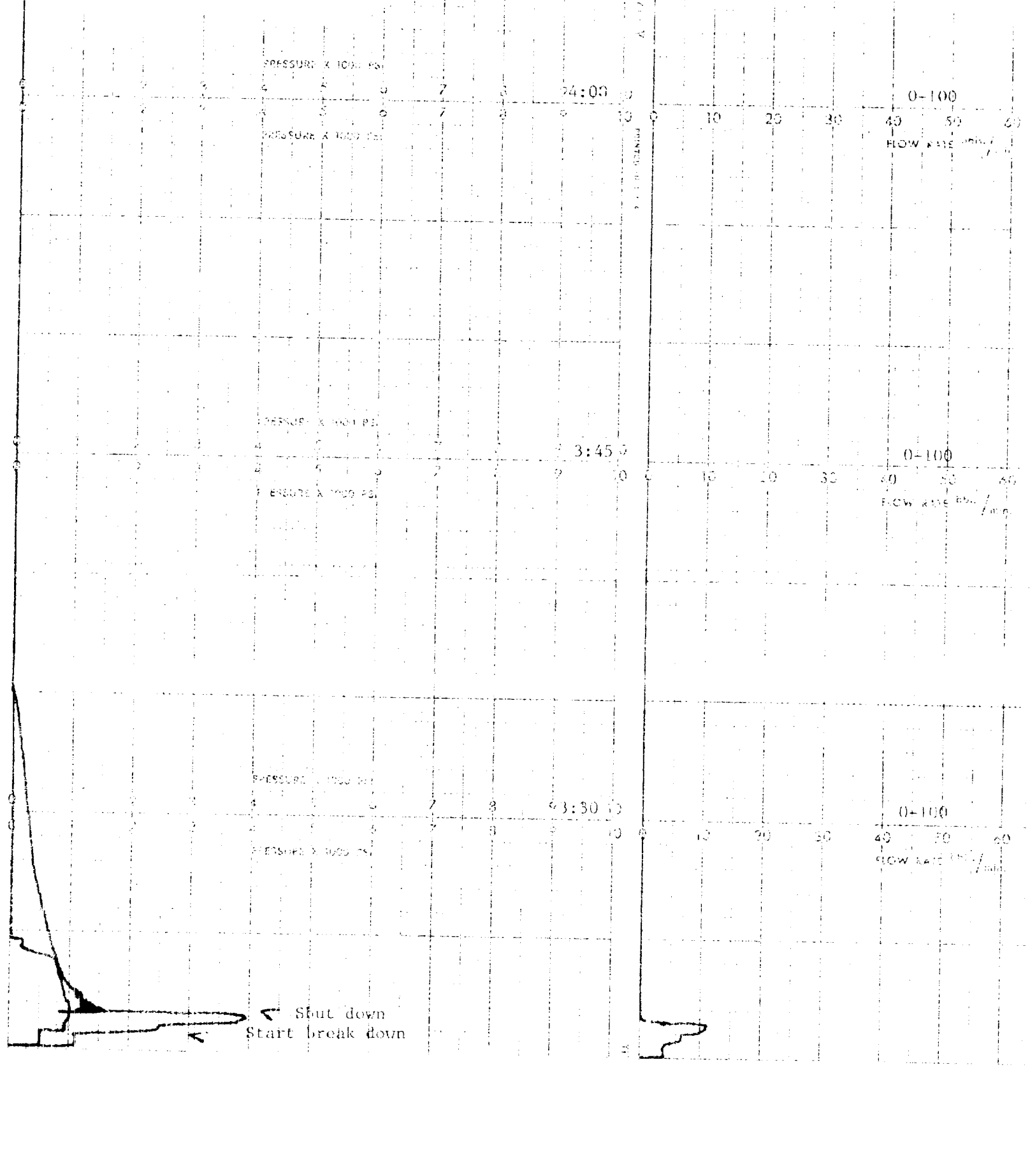
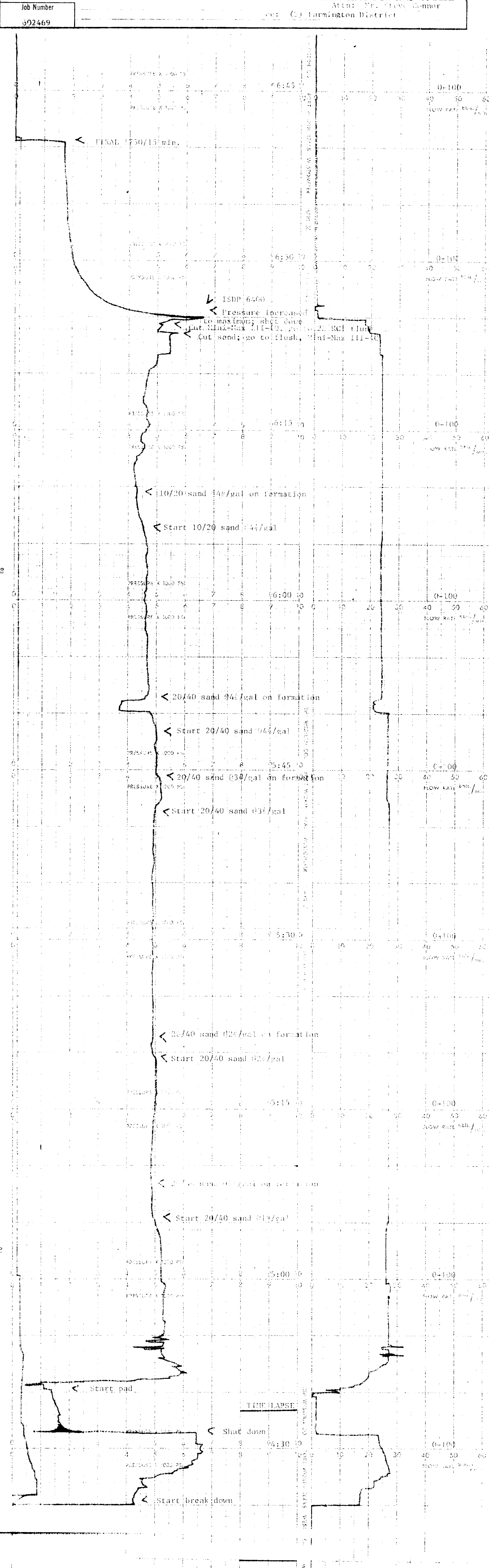
WELL DATA:		OG ☐ NO ☐ NO ☐ OD ☐ WB ☐ IW ☐ MISC ☐	Depth 7449	Formation	Dakota
Size Tubing 2 7/8		Turns 6565	Type Packer Baker Full Bore		Set At 5556
Size Casing 5 1/2	Wt. 17	Set From surface	7449	Size Liner	Wt. --
Liner Set	--	--	Open Hole Size	Baker	--
Casing Partitions: Size 3 3/4		Holes Per Foot	Interval 7180, 7183, 7186, 7188, 7193, 7212, 7216, 7218, 7223, 7230, 7232, 7234, 7236, 7238, 7240, 7242, 7245, 7246, 7248, 7250, 7252, 7254, 7236, 7238,		
Previous Treatment		7240, 7242, 7245, 7246, 7248, 7250, 7252, 7254, 7236, 7238,	none	Prior Production	none
TREATMENT DATA:		Pad Used: Yes ☐ No ☐ Pad Time	544	11-10-60	CO.
					FLUID PUMPED AND

TREATMENT DATA		CAPACITIES IN BBLs.	
Treating Fluid Volume Gals.	Treating Fluid Type: Oil ☒ Water ☒ Air ☐ Foam ☐ Emulsion ☐ 110,736 Fluid Description: 100% 10-40 400 scf/1 bbl CO ₂	Tubing Cap.	33
1/2 gal/1000 Claymaster III, 1 gal/1000 Aquaflow 440		Casing Cap.	42
Total Prod Quantity 200,000 Lbs. Prop Type: Sand Gr. Needs 23 Sols. None		Annular Cap.	86
Prod Mesh Sizes, Types and Quantities 160,000 lbs. 20/40 Sand 40,000 lbs. 10/20 sand		Open Hole Cap.	86
Hole Loaded With dry Treat W/ Tubing 8, Casing 8, Annul 8 Tubing & Annul.		Fluid to Load	154
Ball Sealers: In Stages of		Pad Volume	476
Types and Number of Pumps Used (2) 1414's; (1) Pacemaker; (5) Mini-Max		Treating Fluid	2018
Auxiliary Materials 100 gals. Aquaflow; 70 gals. X-rdide; 45 gals. Claymaster III; 117 lbs. B-5; 48 bbls. Diesel; 55.6 tons 20/40		Flush	18
Procedure Break down formation (4000 PSI maximum) 14 bbls.; break down formation (maximum PSI 6700) 140 bbls; run 476 bbl. pad; 476 bbls. 23#/gal 20/40; 499 bbls. 43#/gal; 451 bbls. 4 #/gal; 413 bbls. 34#/gal 10/20; 10 bbls. Mini-Max III-40 flush; 8 bbls. 27 KCl flush; well screened out; shut down		Overflush	
		Total to Recover	2636
Time Treating Pressure-Psi Perfor. Fluid Inj. Rate			

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Casing Cap.	42
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Time	Treating Pressure-Psi	Barrels Fluid Pumped	Inj. Rate B P M	REMARKS
3:20	0	0	4	Start break down
3:21	3920	11	11	Shut down
3:25	4	0	5	Start break down
4:31	6430	150	21.5	Shut down
4:30	1100	0	10	Start pad
3:05	4500	150	476	27 Start 20/40 sand 31#/gal
3:08	4900	150	544	27 20/40 sand 31#/gal on formation
5:19	5050	150	952	27 Start 20/40 sand 32#/gal
5:21	4950	150	1020	27 20/40 sand 32#/gal on formation
5:41	4950	150	1429	27 Start 20/20 sand 33#/gal
5:44	5130	150	1497	26 20/40 sand 33#/gal on formation
5:48	5000	150	1620	26 Start 20/40 sand 34#/gal
5:51	4600	150	1683	24 20/40 sand 34#/gal on formation
6:06	4550	150	2071	24 Start 10/20 sand 34#/gal
6:09	4300	150	2139	24 10/20 sand 34#/gal on formation
6:23	5750	150	2384	23 Cut sand; go to flush, Mini-Max 111-40
6:24	5200	150	2494	19 Cut Mini-Max 111-40; go to 2" KCl flush
6:25	6600	150	2502	1 Shut down; pressure increased to maximum

Treating Pressure: Min.	0	Max.	6700	Avg.	4900	Customer Representative	Lee Burton	
Inj. Rate on Treating Fluid	27	Rate on Flush	18	Western Representative	P. W. Weiser			
Inj. Rate	26	I.S.D.P.	6460	Flush Dens.	lb/gal	8.42	Distribution	(C) JOHN H. BILLY
Final Shut-in Pressure	1756	in	15	Minutes				17400 Dallas Pkwy
Operator's Maximum Pressure	6700							Dallas, Texas 75504



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